BRUHAT BANGALORE MAHANAGARA PALIKE

YELAHANKA ZONE

Estimate Cost Rs. 25.00Lakhs

Name of Work:-Asphalting to roads in Narayanappa layout beside GKVK layout in ward no:04

Sl No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
1	KSRRB 500-3: Scarifying existing stone metal layer upto 75mm thick along with their bituminous surface, picking up scarified materials and stacking of old serviceable materials with lead of 100 m sequential spreading of the salvaged aggregates with fresh aggregates on prepared base and consolidating as per water bound macadam specifications including cost of all labour, HOM of machineries complete as per specifications. MORTH Chapter 5 (PWD SR 2014-15 P.N 157 It 21.3)	Sqm							
	Allalasandra to Library road		1	190.00		4.50	855.00		
	GKVK 4th main		1	191.00		6.00	1146.00		
							2001.00	**82.94**	**165971.00**
	Basic Rate	76.80							
	Area Weightage 8%	6.14							
	Total	82.94							
2	KSRRB 300-1,Earth work excavation by manual means in ordinary soil involving an average horizontal throw up to 2 meters and an average lift uo to 1.5m,excavated surface levelled and sides neatly dresssed, the disposed earth to be levelled neatly after breaking of clods complete as per specifications (Item no19.1,Page no 138, PWD SR 2014-15)	Cum							
	Removing silt in exisitng drain GKVK 2nd cross		2	218.00	0.50	0.35	76.30		
	5th main		2	80.00	0.50	0.35	28.00		
	4th main		2	190.00	0.50	0.30	57.00		
	3rd main road		2	100.00	1.00	0.25	50.00		
	Allalasandra to Library road		2	191.00	1.00	0.30	114.60		
							325.90	**75.60**	**24638.00**
	Basic rate	70.00							
	Add 8% AW	5.60							
	Total	**75.60**							

3	KSRRB M400-17: Providing, laying, spreading and compacting graded stone aggregate to wet mix macadam specification including premixing the Material with water at OMC in mechanical mix plant carriage of mixed Material by tipper to site, laying in uniform layers with paver in sub-base / base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per specifications. MORTH Specification: 406 (PWD SR 2014-15 P.N.154 It 20.18)	Cum							
	2nd cross		2	218.00	1.00	0.15	65.40		
	5th main		2	80.00	1.00	0.15	24.00		
	4th main		1	190.00	4.50	0.15	128.25		
	3rd main road		1	191.00	6.00	0.15	171.90		
	Allalasandra to Library road		2	100.00	1.00	0.20	40.00		
							429.55	**1438.56**	**617933.00**
	Basic rate	1332.00							
	Add 8% AW	106.56							
	Total	1438.56							
4	KSRRB M500-6,Providing and applying primer coat with S.S.bitumen emulsion on prepared surface of granular base such as WBM,WMM including cleaning of road surfase and spraying primer at the rate of .60kg/Sqm using mechanical means complete as per specifications. MORTH SpecificationsNo502 (ITEM NO21.6 Page no 157 PWD SR	Sqm							
	2nd cross		1	218.00	6.50		1417.00		
	5th main		1	80.00	6.00		480.00		
	4th main		1	190.00	4.50		855.00		
	3rd main road		1	191.00	6.00		1146.00		
	Allalasandra to Library road		1	100.00	6.00		600.00		
							4498.00	**35.21**	**158366.00**
	Basic rate	32.60							
	Add 8% AW	2.61							
	Total	**35.21**							

5	KSRRB M500-18.Providing and laying semi dense bituminous concrete using crushed aggregates of specified grading,premixed with bituminous binder and filler, transporting the hot mix to work site.laying with a paver finisher to the required grade,levell and alignment, rollingwithsmoothwheeled,vibratoryan dtandemrollers to achievethe desired compactionasperMORTHSpecification clauseno508completeinallrespectscomp leteasperspecifications.using100120TH capacity H.M.P with sensor paver gradingI(35-40mm) with 4.5% CRMB55grade(Itemno21.21.1,Pageno1 6 D 2014-15)	Sqm							
			1	218.00	6.50	0.025	35.43		
			1	80.00	6.00	0.025	12.00		
			1	100.00	6.00	0.025	15.00		
	Basic rate	9440.00					**62.43**	**10195.20**	**636435.00**
	Add 8% AW	755.20							
	Total	**10195.20**							
6	KSRRB M500-19: Providing and laying bituminous concrete 40mm thick with 100-120 TPH batch type hot mix plant producing an average output of 75 tonnes per hour using crushed aggregates of specified grading, premixed with bituminous binder at 5.4 to 5.6% of mix and filler, transporting the hot mix to work site, laying with hydrostatic paver finisher with sensor control to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem roller to achieve the desire compaction as per MORTH specification clause No. 500.9 complete In all respects as per specifications. MORTH specification NO. 509, No.169 Item No. 21.22.1.PWD SR 2014-15	Cum							

	Allalasandra to Library road		1	191.00	6.00	0.040	45.84		
	GKVK 4th main		1	190.00	4.50	0.040	34.20		
							80.04	**10912.32**	**873422.00**
	Basic rate	10104.00							
	Add 8% AW	808.32							
	Total	10912.32							
7	KSRRB M100-1 Loading and un loading of stone boulder/Stone aggregates/sand/kanker/Moorum.KSRRB M100-1:Placing tipper at loading point,loading with front end loader,dumping,turning for return trip,excluding time for haulage and return trip complete as per specifications(Itemno17.1,Page no130, PWD SR 2014-15)	Cum							
				Vide Item No. 1			**325.90**	**68.04**	**22174.00**
	Basic rate	63.00							
	Add 8% AW	5.04							
	Total	68.04							
8	Miscellaneous charges	L/S							**1061.00**
								Total RS	**2500000.00**
	(Rupees Ten lakhs only)								

Administrative Sanction for Rs. 25.00 Lakh
Twenty five lakh only
is accorded under head ... P-1771/14-15
Registered as CE No. ... Subject
to conditions contained in enclosed memo
No. CE/YeL/AA/68/14-15 Dt. 27/10/14
AE/JE TA CE(YNK)

Certificate

1 The work spot has been inspected and the work is found necessary.
2 This estimate is prepared as per C.S.R. of 2014-15
3 The provisions were made in this estimate are necessary and adequate.
4 This works come under B.B.M.P. limits.

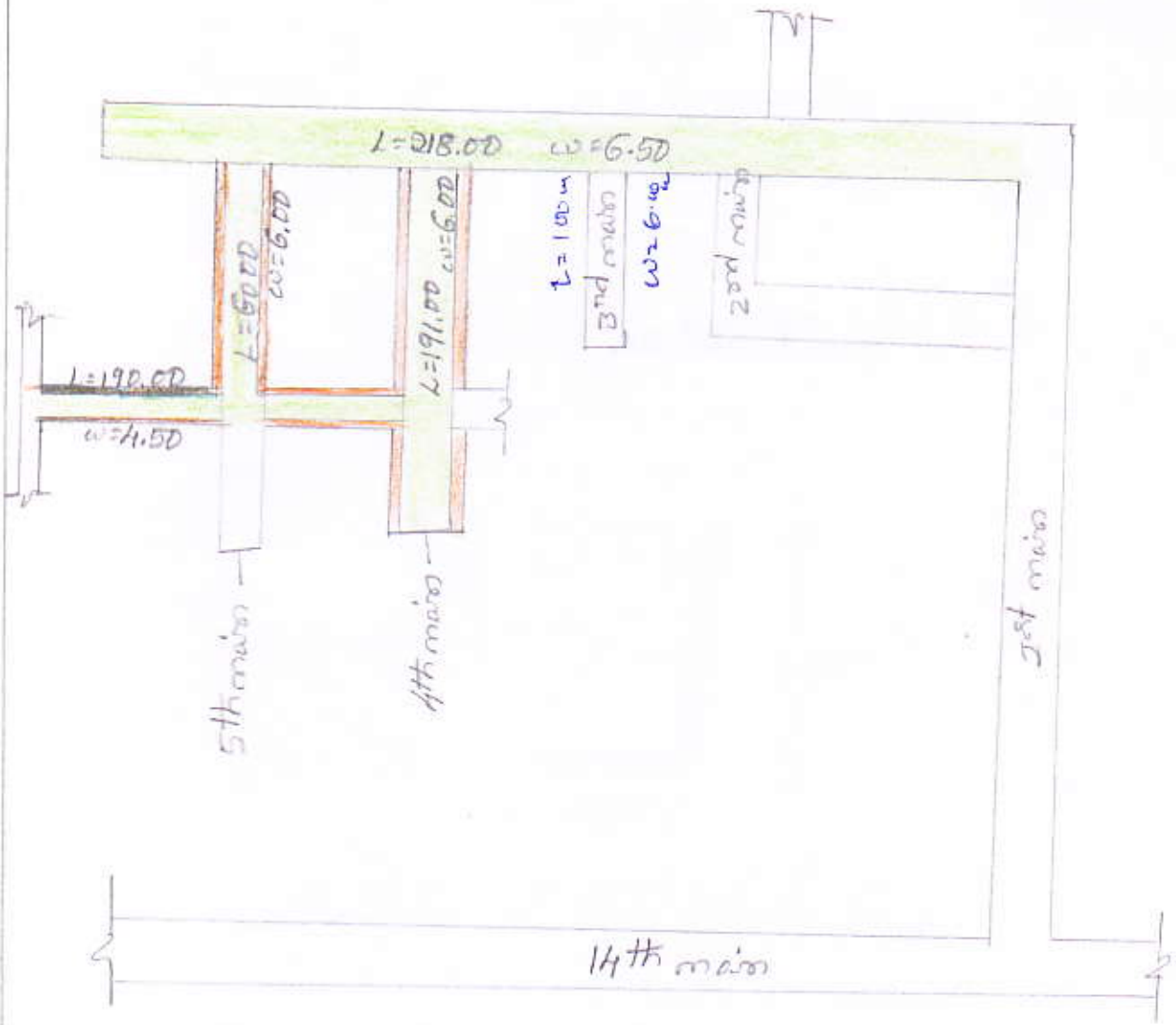
Assistant Engineer
Ward no: 03

Assistant Executive Engineer
Yelahanka New town Sub Division
Bangalore-64

Executive Engineer
Yelahanka Division
Bangalore-64

Technical Sanction for Rs. 25.00 Lakh
Twenty five lakh only
is accorded under head ... P-1771/14-15
Registered as CE No. 60 Dt: 27.10.14 Subject
to conditions contained in enclosed memo
No. CE/YeL/TS/ /14-15 Dt. 28/10/14
AE/JE TA CE(YNK)

(14) Name of work:- Asphalting to roads in Narayanappa Layout beside GKVK layout in ward no-04.



- Asphalting work
- Drain Improvement
- New RS. Slab Drain

Km-Hallikere